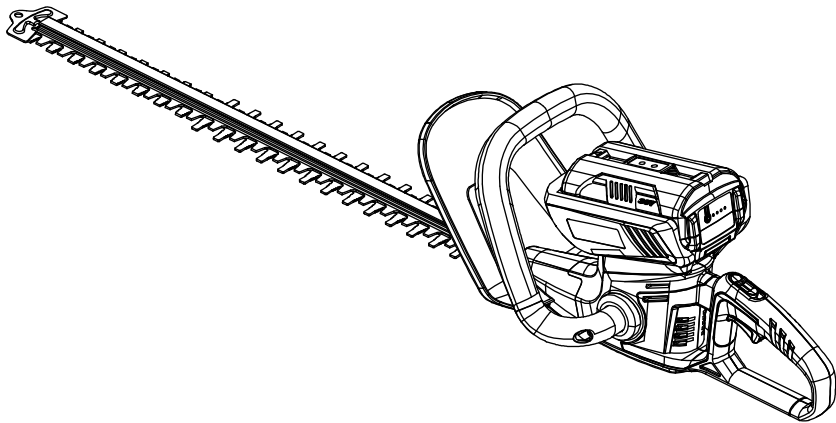




RHT36/RHT36B

36V CORDLESS HEDGE TRIMMER OPERATOR'S MANUAL



Important!

It is essential you read the instructions in this manual before starting and operating this machine.

RYOBI® RHT36 / RHT36B

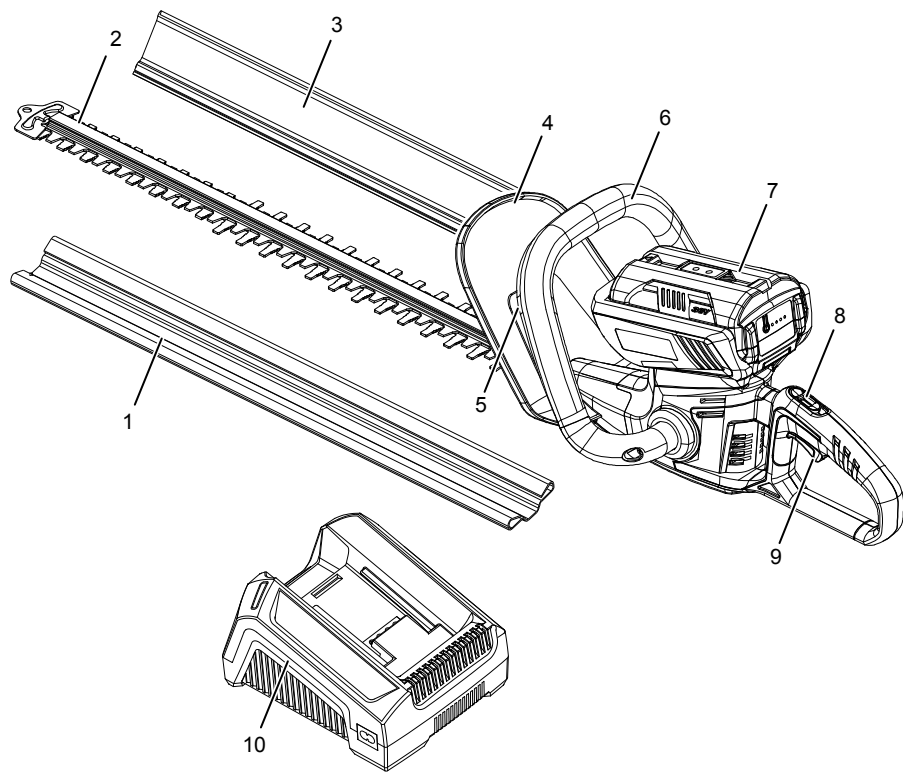


Fig. 1

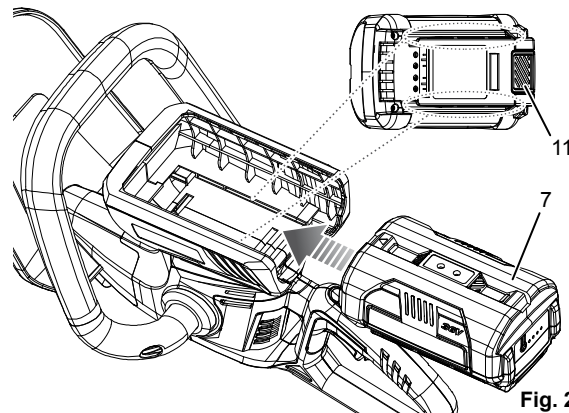


Fig. 2

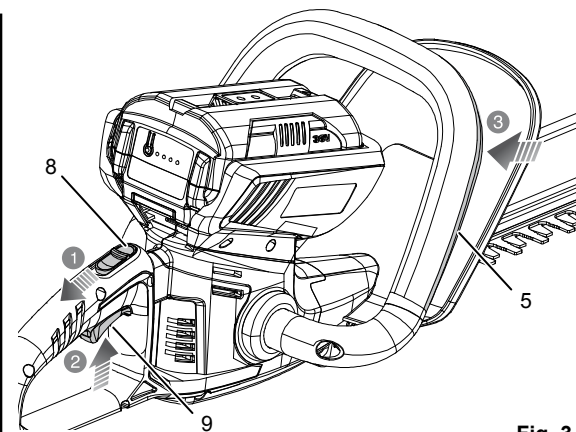


Fig. 3

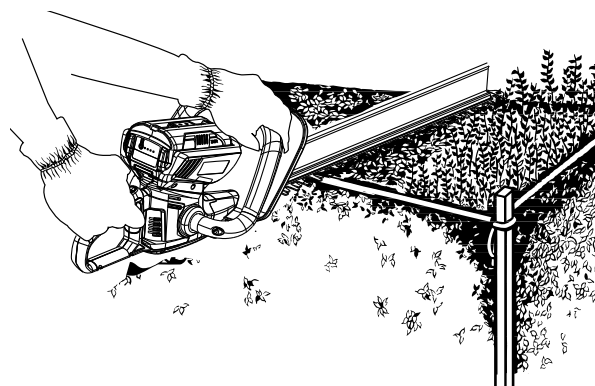


Fig. 4

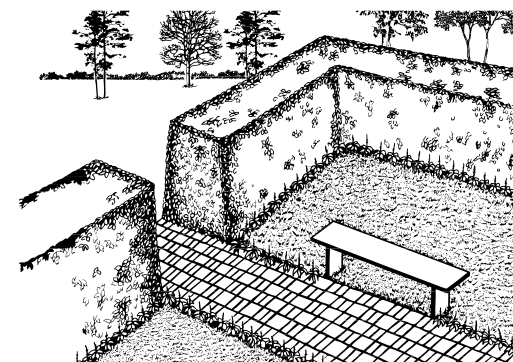


Fig. 5

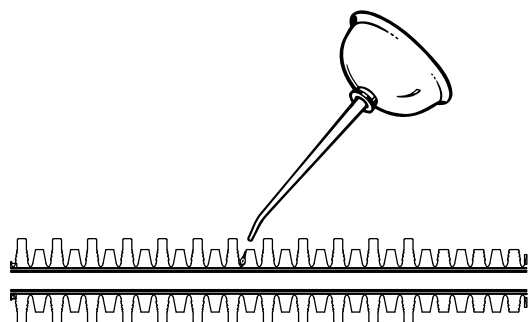


Fig. 6

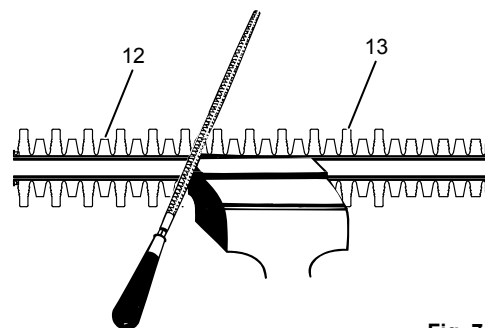


Fig. 7

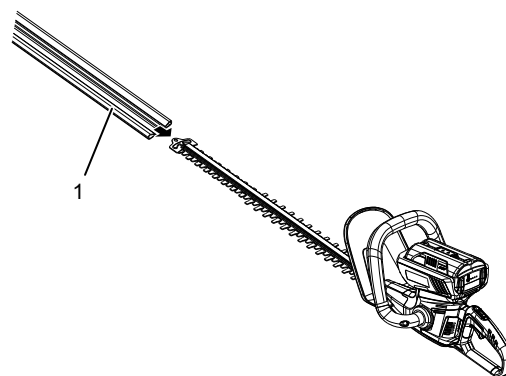


Fig. 8

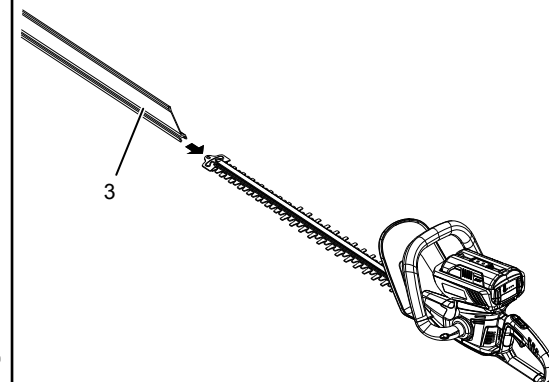


Fig. 9

English (Original Instructions)

Your hedge trimmer has been engineered and manufactured to Ryobi's high standard for dependability, ease of operation, and operator safety. When properly cared for, it will give you years of rugged, trouble-free performance.

Thank you for buying a Ryobi product.

RULES FOR SAFE OPERATION

WARNING

Read all safety warnings and all instructions. Failure to follow the warnings and instructions may result in electric shock, fire and/or serious injury.

INTENDED USE

This hedge trimmer is intended for cutting and trimming hedges and bushes in domestic use. It is not intended to be used for cutting above shoulder level.

- **Save all warnings and instructions for future reference.** The term "power tool" in the warnings refers to your battery-operated (cordless) power tool.

WORK AREA SAFETY

- **Keep work area clean and well lit.** Cluttered or dark areas invite accidents.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **Keep children and bystanders away while operating a power tool.** Distractions can cause you to lose control.

ELECTRICAL SAFETY

- **Do not expose power tools to rain or wet conditions.** Water entering a power tool will increase the risk of electric shock.

PERSONAL SAFETY

- **Stay alert, watch what you are doing and use common sense when operating a power tool.** Do not use a power tool while you are tired or under the influence of drugs, alcohol or medication. A lapse of attention while operating power tools may result in serious personal injury.
- **Use personal protective equipment.** Always wear eye protection. Protective equipment such as dust mask, gloves, non-skid safety shoes, hard hat or hearing protection used appropriately will reduce personal injuries.
- **Prevent unintentional starting.** Ensure the switch is in the off position before connecting to power source

and/or battery pack and when picking up or carrying the tool. Carrying power tools with your finger on the switch or energizing power tools that have the switch on invites accidents.

- **Remove any adjusting key or wrench before turning the power tool on.** A wrench or a key left attached to a rotating part of the power tool may result in personal injury.
- **Do not over-reach.** Keep proper footing and balance at all times. This enables better control of the power tool in unexpected situations.
- **Dress properly.** Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from moving parts. Loose clothes, jewellery or long hair can be caught in moving parts.

POWER TOOL USE AND CARE

- **Do not force the power tool.** Use the power tool for the application. The correct power tool will do the job better and safer at the rate for which it was designed.
- **Do not use the power tool if the switch does not turn it on and off.** Any power tool that cannot be controlled with the switch is dangerous and must be repaired.
- **Store idle power tools out of the reach of children and do not allow persons unfamiliar with the power tool or these instructions to operate the power tool.** Power tools are dangerous in the hands of untrained users.
- **Maintain power tools.** Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the power tool's operation. If damaged, have the power tool repaired before use. Many accidents are caused by poorly maintained power tools.
- **Keep cutting tools sharp and clean.** Properly maintained cutting tools with sharp cutting edges are less likely to bind and are easier to control.
- **Use the power tool, accessories and tool bits etc. in accordance with these instructions, taking into account the working conditions and the work to be performed.** Use of the power tool for operations different from those intended could result in a hazardous situation.

BATTERY TOOL USE AND CARE

- **Ensure the switch is in the off position before inserting battery pack.** Inserting the battery pack into power tools that have the switch on invites accidents.
- **Recharge only with the charger specified by the manufacturer.** A charger that is suitable for one type of battery pack may create a risk of fire when used with another battery pack.

English (Original Instructions)

- **Use power tools only with specifically designated battery packs.** Use of any other battery packs may create a risk of injury and fire.
- **When battery pack is not in use, keep it away from other metal objects like paper clips, coins, keys, nails, screws, or other small metal objects that can make a connection from one terminal to another.** Shorting the battery terminals together may cause burns or fire.
- **Under abusive conditions, liquid may be ejected from the battery; avoid contact.** If contact accidentally occurs, flush with plenty of soap and water. If liquid contacts eyes, immediately seek medical help. Liquid ejected from the battery may cause irritation or burns.

SERVICE

- **Have your power tool serviced by a qualified repair person using only identical replacement parts.** This will ensure that the safety of the power tool is maintained.

HEDGE TRIMMER SAFETY WARNINGS

- **Keep all parts of the body away from the blade. Do not remove cut material or hold material to be cut when cutting blades are moving. Make sure the switch is off when clearing jammed material.** A moment of inattention while operating the hedge trimmer may result in serious personal injury.
- **Carry the hedge trimmer by the handle only with the cutting blades stopped. Ensure the switches are off. Never carry the hedge trimmer with your finger on the trigger or the trigger lock button. When transporting or storing the hedge trimmer always fit the cutting device cover.** Proper handling of the hedge trimmer will reduce possible personal injury from the cutting blades.
- **Hold the power tool by insulated gripping surfaces only, because the blade may contact hidden wiring. Cutting blades contacting a "live" wire may make exposed metal parts of the power tool "live" and could give the operator an electric shock.**

READ ALL INSTRUCTIONS BEFORE OPERATING

- **Read the instructions carefully.** Be familiar with the controls and proper use of the unit.
- **Do not operate this unit when tired, ill, or under the influence of alcohol, drugs, or medication.**
- **Inspect the unit before use.** Replace damaged parts. Check for battery pack leaks.
- **Make sure all fasteners and guards are in place and secure.** Replace cutting blades or any other parts that are cracked, chipped, or damaged. Make sure the cutting blade is properly installed and securely

fastened. Failure to do so can result in personal injury to the operator and bystanders, as well as damage to the unit.

- **Use the right tool.** Only use this hedge trimmer for the purpose intended.
- **Do not use hedge trimmer if switch will not turn the unit on or off.** A unit that cannot be controlled with the switch is dangerous and must be repaired.
- **Clear the area to be cut before each use.** Remove all objects such as cords, lights, wire, or string which can become entangled in the cutting blade.
- **Clear the area of children, bystanders, and pets.** At a minimum, keep all children, bystanders and pets outside a 15m radius; there still may be a risk to bystanders from thrown objects. If you are approached, stop the unit immediately.
- **Do not operate power tools in explosive atmospheres, such as in the presence of flammable liquids, gases or dust.** Power tools create sparks which may ignite the dust or fumes.
- **To avoid the risk of electric shock, do not operate unit in damp or wet locations.**
- **Do not handle the unit with wet hands.**
- **Do not allow children or untrained individuals to use this hedge trimmer.**
- **To reduce the risk of injury, always wear full eye and ear protection, footwear and clothing when using this machine.**
- **Wear a face or dust mask if the operation is dusty.**
- **Dress properly.** Do not wear loose clothing or jewellery; they can be caught in moving parts. Use of gloves, substantial footwear and long trousers is recommended when working outdoors.
- **To prevent hair from being drawn into nearby air vents and becoming entangled in moving parts, wear protective hair covering to contain long hair or secure covered hair above shoulder level.**
- **When transporting or storing the machine always fit with blade cover.**
- **Always be aware of your surroundings and stay alert for possible hazards that you may not hear due to the noise of the machine.**
- **Form the habit of checking to see that keys and adjusting wrenches are removed from the tool before turning it on.**
- **Always ensure all handles and guards are fitted when using the tool.**
- **Never attempt to use an incomplete machine or one fitted with an unauthorised modification.**
- **The vibration level during actual use of the power tool**

English (Original Instructions)

can differ from the declared total value depending on the ways in which the tool is used.

WHILE OPERATING

- **Do not use trimmer without front handle in place.** Keep both hands on handles when unit is in use.
- **To avoid accidental starting, never carry your unit with your finger on the trigger.**
- **Stay alert and pay attention to what you are doing.** Use common sense when using this hedge trimmer.
- **Wear heavy, long pants, substantial footwear and well fitting gloves.** Do not wear short pants, sandals or go barefoot.
- **Do not operate in poor lighting.** Use the unit only in daylight or good artificial light.
- **Do not over-reach or stand on unstable support.** Keep good footing and balance at all times. Do not use whilst on a ladder.
- **Do not force the hedge trimmer.** It will do a better job with less risk of injury at the rate for which it was designed.
- **Release the trigger, allow the motor to stop, and remove the battery pack before performing maintenance, repair, or making adjustments.**
- **This hedge trimmer is to be used for cutting hedges, bushes, and shrubs only.** Do not use for any other purpose.
- **Before starting the unit, make sure the cutting blades will not come in contact with anything.**
- **If the machine strikes or becomes entangled with foreign objects, stop the unit immediately, remove the battery pack and check for damage.** Do not operate before repairing damage. Do not operate the unit with loose or damaged parts.
- **Watch what you are doing.** Use common sense.
- **Maintain hedge trimmer with care.** Keep cutting edge sharp and clean for best performance and to reduce the risk of injury. Follow instructions for lubricating and changing accessories. Keep handles dry, clean, and free from oil and grease.
- **Check damaged parts.** Before further use of the hedge trimmer, a guard or other part that is damaged should be carefully checked to determine that it will operate properly and perform its intended function. Check for alignment of moving parts, binding of moving parts, breakage of parts, mounting of parts, and any other condition that may affect its operation. A guard or other part that is damaged should be properly repaired or replaced by an authorised service centre.
- **Risk of cut.** Keep hands away from blades. Do not attempt to remove cut material or hold material to be cut when blades are moving. Make sure battery pack

is removed and the trigger is released when clearing jammed material from blades. Do not grasp the exposed cutting blades or cutting edges when picking up or holding the unit.

⚠ CAUTION

Blades continue to move for a short time after unit is turned off.

- **Keep hands, face, and feet at a safe distance from moving parts.** Do not touch or try to stop the cutting blades when they are moving.
- **Always stop the motor when cutting is delayed or when walking from one cutting location to another.**
- **Keep unit clean of hedge clippings and other materials.** They may become lodged in the cutting blades.
- **Store the unit inside in a dry place, either locked up or up high to prevent unauthorised use or damage.** Keep out of the reach of children or untrained individuals.
- **Replace blade cover when unit is not in use.**
- **Never douse or squirt the unit with water or any other liquid.** Keep handles dry, clean and free from debris. Clean after each use, see Storage instructions.
- **Be sure to secure the unit while transporting.**
- **Keep these instructions.** Refer to them often and use them to instruct other users. If you loan someone this unit, also loan them these instructions.

SERVICE

- **Service on unit must be performed only by qualified repair personnel.** Service or maintenance performed by unqualified personnel could result in a risk of injury to the user, or damage to the unit. It may also void your warranty.
- **When servicing a unit, use only identical replacement parts.** Follow instruction in the Maintenance section of this manual. Use of unauthorised parts or failure to follow Maintenance Instructions may create a risk of shock or serious injury to the user, or damage to the unit. It may also void your warranty.

⚠ WARNING

If any parts are missing, do not operate unit until the missing parts are replaced. Failure to do so could result in possible serious personal injury.








English (Original Instructions)

SAVE THESE INSTRUCTIONS. REFER TO THEM FREQUENTLY AND USE THEM TO INSTRUCT OTHERS WHO MAY USE THIS UNIT. IF YOU LOAN SOMEONE THIS UNIT, LOAN THEM THESE INSTRUCTIONS ALSO.




English (Original Instructions)

SYMBOLS

Some of the following symbols may be used on this tool. Please study them and learn their meaning. Proper interpretation of these symbols will allow you to operate the tool effectively and safely.

SYMBOL	DESIGNATION/EXPLANATION
	Precautions that involve your safety.
	Read the operation manual and follow all warnings and safety instructions.
	Wear eye and hearing protection.
	Thrown objects can ricochet and result in personal injury or property damage. Wear protective clothing and boots.
	Wear non-slip, heavy duty gloves.
	Keep all bystanders at least 15m away.
	Do not expose to rain or in damp conditions.

The following signal words and meanings are intended to explain the levels of risk associated with this product.

SYMBOL	SIGNAL	MEANING
	DANGER:	Indicates an imminently hazardous situation, which, if not avoided, will result in death or serious injury.
	WARNING:	Indicates a potentially hazardous situation, which, if not avoided, could result in death or serious injury.
	CAUTION:	Indicates a potentially hazardous situation, which, if not avoided, may result in minor or moderate injury.
	CAUTION:	(Without Safety Alert Symbol) Indicates a situation that may result in property damage.

English (Original Instructions)

SPECIFICATIONS

Model	RHT36	RHT36B
Voltage	36 volts	
No load speed	1500 /min	
Blade speed	3000 spm	
Blade length	550 mm	
Cutting capacity	20 mm	
Measured sound pressure level	$K_{PA}=81 \text{ dB(A)}$, $K_{PA}=2 \text{ dB(A)}$	
Measured sound power level	$L_{WA}=90 \text{ dB(A)}$, $K_{WA}=2 \text{ dB(A)}$	
Vibration	$ah=1.86 \text{ m/s}^2$, $K=1.5 \text{ m/s}^2$	
Weight	4.43 kg (with Battery pack)	3.06 kg (without Battery pack)
Battery pack	BPL3626	
Charger	BCL3620	

FEATURES

1. Blade cover
2. Blade
3. Hedgesweep™ debris sweeper
4. Guard
5. Sensor switch
6. Front handle
7. Battery pack
8. Trigger lock button
9. Trigger
10. Charger
11. Latch
12. Cutting blade
13. Blade guard

OPERATION

For complete charging instructions, refer to the Operator's Manuals for your Ryobi battery pack and charger models.

NOTE: To avoid serious personal injury, always remove the battery pack and keep hands clear of the lock-out button when carrying or transporting the tool.

INSTALLING BATTERY PACK

See Figure 2

- Place the battery pack in the hedge trimmer. Align raised rib on battery pack with groove in hedge trimmer.
- Make sure the latch on the battery pack snaps in place

and that battery pack is secured in hedge trimmer before beginning operation.

REMOVING BATTERY PACK

See Figure 2

- Locate the latch on the battery pack and depress to release the battery pack from the hedge trimmer.
- Remove battery pack from the hedge trimmer.

CAUTION

When placing battery pack in your hedge trimmer, be sure raised rib on battery pack aligns with groove in hedge trimmer and latch snaps in place properly. Improper assembly of battery pack can cause damage to internal components.

STARTING THE HEDGE TRIMMER

See Figure 3

- Remove the blade cover.
- For added safety, there is a micro switch in the front handle. When operating, hold the trimmer with both hands, one hand to pull the trigger lock button backward and squeeze the trigger, and the other hand to squeeze the front handle.
- Release the trigger lock button and continue to squeeze the trigger for extended operation.

STOPPING THE HEDGE TRIMMER

- Release the trigger to stop the hedge trimmer.
- Upon release of the trigger, the trigger lock button will be automatically reset to the lock position.
- Remove battery pack from the hedge trimmer.

BLOCK RELEASE GEAR BOX

- This hedge trimmer is equipped with a block release gear box. If the blade jams, the blades will automatically retract allowing the jam to be cleared easily. Release the triggers, remove jammed material, then squeeze trigger again to restart the hedge trimmer. If the stem is too dense or too hard to be trimmed, use a pruning saw to clear the stem.

OPERATING TIPS

See Figure 4-5

- Do not force the hedge trimmer through heavy shrubbery. This can cause the blades to bind and slow down. If the blades slow down, reduce the pace.
- Do not try to cut stems or twigs that are larger than 20mm thick, or those obviously too large to feed into the cutting blade. Use a non-powered hand saw or pruning saw to trim large stems.
- If desired, you can use a string to help cut your hedge

English (Original Instructions)

level. Decide how high you want the hedge. Then, stretch a piece of string along the hedge at this height. Trim the hedge just above this guide line of string. Trim the side of a hedge so that it will be slightly narrower at the top. More of the hedge will be exposed when shaped this way, and it will be more uniform. If blades do become jammed, stop the motor, allow the blades to stop and remove the battery pack before attempting to remove the obstruction.

- Wear gloves when trimming thorny or prickly growth. When trimming new growth, use a wide sweeping action, so that the stems are fed directly into the cutting blade. Older growth will have thicker stems and will be trimmed easiest by using a sawing movement.

DANGER

If blade jams on any electrical cord or line. DO NOT TOUCH THE BLADE! IT CAN BECOME ELECTRICALLY LIVE AND VERY DANGEROUS. Continue to hold the hedge trimmer by the insulated rear handle or lay it down and away from you in a safe manner. Disconnect the electrical service to the damaged line or cord before attempting to free the blade from the line or cord. Failure to heed this warning will result in serious personal injury or possible death.

WARNING

Clear the area to be cut before each use. Remove all objects such as cords, lights, wire, or string which can become entangled in the blade and create a risk of serious personal injury.

WARNING

Avoid using solvents when cleaning plastic parts. Most plastics are susceptible to damage from various types of commercial solvents and may be damaged by their use. Use a clean cloth to remove dirt, oil, grease, etc. When servicing use only identical Ryobi replacement parts. Use of any other parts can create a hazard or cause product damage.

CAUTION

Do not at any time let brake fluids, gasoline, petroleum based products, penetrating oils, etc., come in contact with plastic parts. They contain chemicals that may damage, weaken, or destroy plastics.

USING THE HEDGESWEEP™ DEBRIS SWEEPER

See Figure 9

WARNING

Make sure that you disconnect the hedge trimmer from the power supply before attaching or removing the HedgeSweep™ debris sweeper.

To avoid clippings and other debris falling back into the hedge while cutting you can use the HedgeSweep™ debris sweeper to sweep the cuttings off the hedge. You can attach the HedgeSweep™ debris sweeper by sliding it onto the rail. The sloped end of it should be facing the motor housing. To remove HedgeSweep™ just pull it towards the open end of the blade.

MAINTENANCE AND REPAIR

BLADE MAINTENANCE

WARNING

Battery units do not have to be plugged into an electrical outlet; therefore, they are always in operating condition. To prevent serious personal injury, always remove the battery and take extra precautions and care when performing maintenance, service or **when** changing the cutting blade.

WARNING

To prevent serious personal injury, remove the battery pack before servicing, cleaning, or removing material from the unit.

BLADE CARE

- Lubricate the cutting blades after each use.
- Periodically inspect the blades for damage and wear.
- Always use the manufacturer's specified replacement blades.

TO LUBRICATE BLADE

See Figure 6

- Remove battery pack from hedge trimmer.
- For easier operation and longer blade life, lubricate the hedge trimmer blade before and after each use. Before lubricating, remove the battery pack and lay hedge trimmer on a flat surface. Apply light weight machine oil along the edge of the top blade.
- Occasionally, you should oil your hedge trimmer during

English (Original Instructions)

prolonged use. Before oiling, stop hedge trimmer, remove battery pack, then oil. You then can resume trimming. Do not oil while hedge trimmer is running.

SHARPENING BLADE

See Figure 7

- Allow the blades of the hedge trimmer to come to a stop in the position. This will allow clearance for the file between cutter teeth and guard teeth.
- Remove battery pack from hedge trimmer.
- Clamp blade assembly in a vice and file the exposed cutting surface of each blade tooth with a 203 mm (8 inch) smooth round file, 6.4 mm (1/4 inch) or 5.6 mm (7/32 inch) diameter. Be sure to retain the original angle of tooth when filing.
- Remove the hedge trimmer from the vice, replace battery pack and restart the hedge trimmer. Allow the blades of the hedge trimmer to come to a stop so that the unsharpened edges of the cutter blade teeth are exposed.
- Remove battery pack from hedge trimmer and repeat the sharpening procedure as described above.

HEDGE TRIMMER LUBRICATION

All of the bearings in this tool are lubricated with a sufficient amount of high-grade lubricant for the life of the unit under normal operating procedures. Therefore, no further lubrication is required.

WARNING

Do not attempt to modify this unit or create or mount any accessory not specifically recommended in this manual for use with this hedge trimmer. Any such alteration or modification is misuse and could result in a hazardous condition leading to possible serious personal injury.

WARNING

Examine hedge trimmer frequently to assure all parts are unbroken and securely attached. Make sure all screws and fasteners are securely tightened to prevent the risk of serious personal injury.

CLEANING THE HEDGE TRIMMER

WARNING

To prevent serious personal injury, remove the battery pack before servicing, cleaning, or removing material from the unit.

- Remove the battery pack.

- Clean the unit using a damp cloth with a mild detergent.
- Do not use any strong detergents on the plastic housing or the handle. They can be damaged by certain aromatic oils such as pine and lemon, and by solvents such as kerosene.
- Moisture can cause a shock hazard. Wipe off any moisture with a soft dry cloth.
- Use a small brush or the air discharge of a small vacuum cleaner brush to clean the air vents on the battery pack housing and motor housing.
- Keep the air vents free of obstructions.

STORING THE HEDGE TRIMMER

See Figure 8

- Clean the hedge trimmer thoroughly before storing. Store the hedge trimmer in a dry, well-ventilated place that is inaccessible to children. Keep away from corrosive agents such as garden chemicals and de-icing salts.
- Always place blade cover on cutting blades before storing.
- Store and charge your batteries in a cool area. Temperatures above or below normal room temperature will shorten battery pack life.
- Never store batteries in a discharged condition. Wait for battery pack to cool and fully charge immediately.
- Store the battery pack where the temperature is below 27°C, and away from moisture.
- All batteries gradually lose their charge. The higher the temperature, the quicker they lose their charge. If you store your unit for long periods of time without using it, recharge the batteries every month or two. This practice will prolong battery pack life.

DISPOSAL



Waste electrical products should not be disposed of together with household waste. Please recycle where facilities exist. Check with your local authority or retailer for recycling advice.

TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED

GUARANTEE



Subject to the guarantee condition below, this Ryobi tool (hereinafter called "the product") is guaranteed by TECHTRONIC INDUSTRIES AUSTRALIA PTY LIMITED (hereinafter called "the Company") to be free from defects in material or workmanship for a period of 24 months from the date of original purchase covering both parts and labour. Under the terms of this guarantee, the repair or replacement of any part shall be the opinion of the Company or its authorised service centre. Should service become necessary during the warranty period, the owner should contact the customer service HELPLINE 1300 361 505 or contact the retailer from whom the product was purchased.

In order to obtain guarantee service, the owner must present the sales docket and Guarantee Certificate to confirm date of purchase. This product is sold by the dealer or service centre as principal and the dealer has no authority from the Company's behalf except as herein contained or herein referred to.

Guarantee Conditions

This guarantee only applies provided that the product has been used in accordance with the manufacturer's recommendations under normal use and reasonable care (in the opinion of the Company) and such

guarantee does not cover damage, malfunction or failure resulting from misuse, neglect, abuse, or used for a purpose for which it was not designed or is not suited and no repairs, alterations or modifications have been attempted by other than an authorised service centre. This guarantee will not apply if the tool is damaged by accident or if repairs arise from normal wear and tear. The Company accepts no additional liability pursuant to this guarantee for the costs of travelling or transportation of the product or parts to and from the service dealer or service centre - such costs are not included in this guarantee.

Certain legislation, including the Trade Practices Act, 1974 (as amended) and other state and territorial laws give rights to the buyer and impose liability on the seller in certain circumstances. Nothing herein shall have the effect of excluding, restricting or modifying any condition, guarantee, right or liability imposed, to the extent only that such exclusion, restriction or modification would render any term herein void.



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Contact during normal business hours.
www.ryobi.co.nz

This Guarantee Form Should Be Retained By The Customer At All Times

For your record and to assist in establishing date of purchase (necessary for in-guarantee service) please keep your purchase docket and this form completed with the following particulars.

Purchased From _____

Address Of Dealer _____

Date _____ Model No _____ Serial No _____

Present This Form With Your Purchase Docket When Guarantee Service Is Required.